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## Arseny Plossky

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Role in the project – Team Leader

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### Work experience (excerpts)

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- April 2007  
- present
- Radio Research and Development Institute**  
Engineer -> Junior Researcher -> Researcher -> Head of research sector -> Deputy head of laboratory
- Formulating and coordinating of development of documents and views on international cooperation in the field of ICT including development and implementation of ICT and ICT measurement.
  - Coordinating preparatory work for the meetings of Telecommunications and Information Working Group of Asia-Pacific Economic Cooperation Forum (APEC TEL) and Telecommunication Development Sector of the International Telecommunication Union (ITU-D), including the preparation for World Telecommunication Development Conference, 2017 and 2021 and ITU Plenipotentiary Conference, 2018.
  - Providing scientific and technical basis for the protection of national interests in the field of ICT in relevant ITU meetings and activities of the regional organizations in the field of radiocommunication and telecommunication/ICT.
  - Representing the Russian communication administration as delegate and as appointed person. In 2018-2022 - Vice-Chairman of Telecommunication Development Advisory group. In 2020-2022 – Vice-Chairman of Digital Economy Steering Group (DESG) of APEC. In 2019-2020 – Convenor of ICT Development subgroup of APEC TEL. From 2021 – RCC coordinator for preparation for WTDCs.
- June  
2012 -  
present
- SRSI Group**  
Visiting Expert  
In-field expert on the topics of spectrum management, including spectrum monitoring and economic and organizational aspects of spectrum management.
- December  
2012 -  
present
- International Telecommunication Union**  
Expert  
Invited expert in ITU/BDT events in the field of spectrum management and economic aspects of telecommunications/ICT. Developing the reports and assistance in preparation for the events in related fields and assistance on the events.

### International experience (excerpts)

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- 2014-  
2017
- ITU-R Study group 1 Working party 1B**  
Rapporteur  
In 2014-2015 headed the drafting of the new Report ITU-R SM.2353-0 - The challenges and opportunities for spectrum management resulting from the transition to digital terrestrial television in the UHF bands. In 2016-2017 headed the drafting of the new Report ITU-R SM.2404-0 "Regulatory tools to support enhanced shared use of the spectrum".

- 2016-2020 **ITU-T Study group 3**  
Associate Rapporteur  
In 2016-2020 headed the development of a new Recommendation ITU-T D.264 "Shared uses of telecommunication infrastructure as possible methods for enhancing the efficiency of telecommunications".
- 2018-present **ITU-D Study group 1**  
Rapporteur  
In 2018-2021 headed the development of Report on the Question 4/1 "Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks" and ITU-D Question 4/1 "Guidelines on cost modelling". From 2022 continued to head the ITU-D Question 4/1 for 2022-2025 study period

### **Education (excerpts)**

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- 2003-2012 **Moscow Technical University of Communication and Informatics**  
Economist-manager in telecommunications -> Preparing for defence of doctoral thesis in economic sciences (Ph. D.)  
5-year specialist in the field of economics in telecommunication/ICT. Post-graduate education in the field of spectrum management. Currently preparing for defence of doctoral thesis in economic sciences (Ph. D.).

### **Major Publications**

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- 1) Features of the Digital Dividend Implementation in Conditions of Great Population Density Discontinuity and Limitation of the Frequency Resource, Proceedings of 10th International symposium on electromagnetic compatibility, EMC Europe 2011, York, United Kingdom, pp 664-669.
- 2) Influence of Economic Factors on Clustering of Regions for the Digital Dividend Implementation in a Number of Specific Condition, Proceedings of 11th International symposium on electromagnetic compatibility, EMC Europe 2012, Rome, Italy, pp. 1413-1417.
- 3) Utilization of Organizational-Economic Mechanism for Selection and Management of Spectrum Sharing Scenarios to Increase Economic Efficiency of 5G operators, Proceedings of 21st International Conference on Next Generation Wired/Wireless Networks and Systems (NEW2AN), 2021 (*paper accepted, will be published soon*).

### **Individual information**

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Married, has two sons

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